



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

December - Holiday 1995 Issue

From the Prez - Final Chapter

"Well now the end is near and I must face the final curtain.."

That famous song seems to be playing in the back of my head as I sit at the keyboard for the last time as president.

"Regrets, I have a few, but then again, too few to mention." In any club or organization such as ours, there are going to be bumps along the way. Our group is no different. Better in some ways than other. But through it all, most of you were willing to accept me... Warts and All (my son's quote). Thanks for keeping the faith.

But that was then and this is now. A new year and a new board. No matter who is elected they will need your support. They need your input; your opinions to take the club to new heights and help the club continue to grow.

That doesn't mean support from just the "Old Timers" (Duration not age) nor does it mean that we need to start all over. It means all of us, new and tenured, need to support the board and ultimately the club. Support for Field Day; Support for public service events; Support for the many facets of amateur radio that involve our membership.

I guess to me, belonging to a club like OTVARC is not just a once-a-month thing. Long-time members, take time to meet the new members. New members, don't give up because you might feel "Out of Place". Good gracious, did you turn off your radio and throw it away after the first time you were on the air because not everyone you heard would talk to you? I would certainly hope not. If so, this is the wrong hobby for you. Ask anyone who has worked for 30 minutes trying to break through a DX pile-up to get a rare contact. Stick with it. Make yourself known. I know, sometimes it is much easier to hide behind the mic than go face to face but believe me, in all the time I have been a member of the club, I have never seen anyone eaten at a meeting. I don't even remember anyone getting bitten. Maybe a few gentle good-humored nibbles but nothing serious (just ask Neil - the Real Amateur Operator...<grin>).

Thanks everyone - You have made my 2 years as president a time I will long remember with fondness. Here's to a great 1996. May it bring the best to you all.

And through it all, I did it My Way!!!"

73 de N7VZF

From the Second Seat

Janet Bell, WB7FJC, VP

The program for next month is Dan Keaton from the National Weather Service who will bring a presentation about Weather Spotters and how Hams can be a part of the network. He is also looking for someone who can operate a packet station at the National Weather Service Office in Portland.

Thanks to Mark Walker, W7CLU, for his antenna presentation. Once again Mark entertained as well as enlightened us. It's always fun when Mark talks to us about antennas and he also brought some sterling examples of homebrew antennas that he has developed.

Thanks for all the program ideas that you have passed along to me this past year. I will be sure to share any unused ones with the new vice president when he comes on board. Be sure to keep your eyes and ears open for some ideas that might provide a good program. Keep those suggestions coming.

Several people have suggested that they would enjoy some more technical programs and we will certainly explore those in the future.

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2m or 440 Iso-Pole antenna.

Jim Schaefffer KB7ADH 245-2518

Minutes of the Board Meeting 11-1-95

1. Meeting called to order by President Bill Merwin at 7:05 p.m.
2. Those in attendance: Chuck Mickley, Lorna Campbell, Brad Beach, Bill Merwin, Alan Chinnock, Neil Mckie, Hanford Van Ness, Al Berg
3. Moved and seconded to dispense with the reading of the minutes.
4. Treasurer's report: No bank statements in for November. About \$250 in newsletter expenses since last month. No money has been transferred from SEAPAC yet.
5. SEAPAC report from Brad Beach. Gross proceeds about \$8328, with an expected net of about \$6576 after remaining expenses are paid.
6. "Now you are Talking" books have been ordered (100) and will be delivered to Bill's house via UPS in the next two weeks. The books will be stamped with the club logo and address then delivered to the Washington County ESD (Educational Service District) for distribution. Some of the books will also be given to the local library association to be available for check-out.
7. Moved and seconded to approve expenditure of up to \$750 for the Christmas Party. Passed.
People should be encouraged to bring canned food to the December meeting to be given to the elks for their food drive. Food will be collected in the meeting room and presented with the check.
8. Moved and seconded to make badges for the club officers. Passed.
Badges will be for President, Vice-President, Secretary, Treasurer and the Trustees.
9. Moved and seconded to give \$500 to the Elks needy family fund. Passed.
10. Van - KE7BB presented current list of nominations for the 1996 board. He asked that he have some time at the next general meeting for nominations.
11. Renewal Forms / Membership Profiles. Bill will prepare the renewal form/ membership profile forms to be mailed with the ballots. Alan asked that he be able to modify the form slightly so as to provide information needed for handling things like Life Members. He will submit his ideas to Bill before the forms are printed.
12. Ballots. Van will supply Bill with the list of nominees after the General meeting so Bill can prepare them and get them printed. The process will be the same as last year. The renewal forms and the ballots will be sent out in the same envelope. Along with the forms will be an envelope marked "Ballot" and an SASE for the membership renewal forms. Bill will write up a short letter outlining the process for mailing or delivering the ballots and forms and include it with the forms. Van will still need to have a "Stuffing" party so the mailing goes out as soon as possible. He will call the board members and get a crew together after the forms are printed.
13. Meeting adjourned 8:54 p.m.

From the Secretary : Alan Chinnock KB7POR

As it turns out stuffing ballot envelopes is quite a fun activity. Especially when you get to do it with a couple of the "old timers" in the hobby. It makes me remember why I think we should have a radio club. A club is a place where people with similar interests, in this case Amateur Radio, can get together and discuss our interests. The really fun part about a group of people is that although we have at least one similar interest, we also each have other facets to our lives which we can share. The club meetings are good, but it really is a lot of fun getting together in smaller groups to do something and learn about our hobby and each other.

Now it is your turn. The envelopes are stuffed, now you get to stuff the ballot box. Please do not do this in the traditional manner. This time try to limit yourself to just one ballot. And just like the State, we will be using the UMPS ballot box. If, by the time you read this, you have not voted please do so immediately. Remember the winners will be announced at the December meeting. Your vote after this time will not be used to change the election.

You may have noticed another piece of paper in the envelope you recently received from OTVARC. Actually there are several other pieces of paper. The second most important of these, after the party announcement, is the membership renewal form. I know it looks a lot like that form that you fill out in April, but please take the time to fill it out. Yes, all of it. I know that you know what all your interests are, but I do not. Even those who have been in the club for years should fill it out. I have only been here a few years and do not know everyone. Really though, this information is helpful to the Board to set direction for activities in the club.

As you may have noticed I will most likely be back at this job next year. Unless someone organizes a strong last minute write-in campaign against me. This means that you will see a lot more in print from me. Unless the new president tells me to quit writing. (Sure that will happen.) You can help me. Ask my opinion about something and then I can write about something of interest to you.

It was suggested in a recent Board meeting that we should put together a Club activities calendar. The logic is that its use would prevent conflicts between activities in the Club. It would be nice if this were a serious situation. I see it as being the other way around. I think a calendar would show us all the opportunities to

fill open time spots with more activities. Also by planning ahead it will be easier to get more people involved in more activities, both during the activity and in planning for it. So to the new board members joining us left overs what do you say, lets get organized and plan a bunch of fun things for 1996.

Packet Points to Ponder

Rick - KB7OGD

For the last couple of months I've been putting the How-To-Packet series in the newsletter, but I've not been doing a very good job of keeping you informed about the happenings on the Node and Network.

Here at the ALOHA node and KB7OGD BBS there have been a few exciting changes:

1. Now running 5 ports on the node - two on 440 and 3 on 2 meters. Will be adding another 440 port soon.

2. One of the newest additions is a 9600 baud 2 meter user port. This port has reasonably good coverage over the entire Tualitin Valley. For now the freq is 145.61, but this freq is temporary until testing is finished. The port will move to 145.00 as a permanent location soon.

3. Also working on a new network connect to a new node on Council Crest. This new node link should greatly improve the network performance from here to the east and north.

4. I've moved the BBS and Node off to their own computer now which has improved the speed of the BBS responses. The only temporary disadvantage is the computer currently has no CD rom, so I have taken the Callbook server off line for now.

5. Expanded the MOD database to include several new directories and now have over 2000 Ham related equipment mod files available. Check it out, I'm sure you'll find what you are looking for.

That's about it for now. Drop in on the BBS and leave me a note. OR Send a message to
KB7OGD @ KB7OGD.OR.USA.NOAM.
Hope to see you on the system!

73.....Rick

Have you ever wondered why radio amateurs are called "HAMS"?

Well it goes something like this -- the word ham was applied in 1908 and was the call letters of one of the first amateur wireless stations operated by some members of the Harvard Radio Club. They were Albert Hyman, Bob Almy and Peggie Murray. At first, they called their station Hyman-Almy-Murray. Tapping out such a long name in code soon called for a revision, and they changed it to HY-AL-MU, using the first two letters of each name. Early in 1909, some confusion resulted between signals from HYALMU and a Mexican ship named Myalmo, so they decided to use only the first letter of each name and identified their station as HAM. In the early pioneer and unregulated days of radio, amateur operators picked their own frequencies and call letters.

Then, as now, some amateurs had better signals than some commercial stations. The resulting interference finally came to the attention of Congressional Committees in Washington and they gave much thought to proposed legislation designed to critically limit amateur activity. IN 1911, Albert Hyman chose the controversial Wireless Regulation Bill as the topic of his thesis at Harvard. His instructor insisted that a copy be sent to Senator David Walsh, a member of the committee hearing the Bill. The Senator was so impressed that he sent for Mr. Hyman to appear before the Committee. Hyman was put on the stand and described how the little amateur station, HAM, was built, and he almost cried when he told the crowded committee room that if the bill went through, they would have to close up the station because they could not afford the license fees and other requirements which were set up in the Bill. The debate started and the little station, HAM, became a symbol of all the little amateur stations in the country that were crying out to be saved from the menace and greed of the big commercial stations who didn't want them around. Finally the Bill got to the floor of Congress and every speaker talked about the poor little station, HAM.

Tha's how it all got started. You can find the whole story in the Congressional Record. Nationwide publicity identified the station HAM with amateurs. From that time to this, and probably to the end of time, in radio, "Every amateur is a Ham."

>From the Pearl River County Amateur Radio Club News Letter - Bogalusa, LA via Nick Gasper N5EQO. (copied from the Benicia Amateur Radio Club "Log Book" June 1989 via Bob, N6ERR.)

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News From All Over

Help for the Holidays.

Holidays are a particularly difficult time for families torn apart by domestic violence. Your support and donation of time and money can help make this time easier for women and children at the Shelters from Domestic Violence Centers.

Supplies are always needed--clothing for children and women, diapers, toys for the children. Be sure to give the shelters a call to volunteer and donate.

In Washington County, call 640-5352.

In Portland, call Bradley-Angle House at 282-9940.

Government Releases Report On Rf Dangers

The FCC is attempting to quell the debate over whether or not radio frequency transmissions cause injury to people exposed to them. The latest issue of TV Broadcast News magazine says that the commission has released a report that deals with the possible harmful affects of close up or extended exposure.

One of the more interesting findings was one that suggests that the use of protective clothing provides -- and we quote "a significant reduction in whole body RF absorption."

The study also discounts the effectiveness of personal RF monitoring devices. It says that such detectors are often deficient. It also questions the accuracy of induced current RF monitoring instruments under real world conditions.

The report was prepared by the FCC's Office of Engineering and Technology is expected to serve as the basis for any commission action to revise its guidelines concerning the amount of human exposure permissible to RF fields. Copies can be purchased for a nominal fee from the National Technical Information Service of the Department of Commerce. Their phone number is 1-800-553-6847. Specify report number PB95-253829.

Re-printed from Newsline - Nov 18, 1995 issue.

Ibm To Fix Monitors

Neil Mc Kie, WA6KLA reports via the Internet that the Personal Computer division of IBM is announcing a program to repair 56,000 color computer monitors. This, because of a suspicion by IBM that some of the monitors may have been incorrectly assembled and if not properly grounded may pose a shock hazard.

The 17 inch color computer monitors have a 15.4 inch viewable image size. They have been sold directly by IBM and by authorized IBM resellers for approximately \$1,000 - \$3,000 since September 1993.

Only those of you who own 17 inch IBM 9527 series color monitors are affected. If you have one, you should call IBM at (800) 426-7378 to schedule a no-charge repair.

Neil adds that this information was culled from an article in the Portland Oregonian newspaper on Monday, September 25th.

Re-printed from Newsline - Nov 18, 1995 issue.

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N6FRA

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From: Satellite Station - W7KJZ

* STS-74 *

Did any of you work STS-74? This was one of the rare times a shuttle comes enough North to provide us with a good opportunity. I missed it. Despite all the time I spent printing out schedules and changing my radio configuration I never seemed to be at my station at the right time! The next SAREX mission is scheduled for March 21, 1996. FM Voice Downlink is 145.84 MHz and the FM Voice Uplink is 144.45 or 144.47 MHz. Of course all of this is subject to change.

* AO-13 *

This satellite is now in the attitude that favors North America during its apogee. This will last until January 1, 1996. See last month's article on tips for taking advantage of AO-13's current orientation. This satellite is expected to re-enter the earth's atmosphere in about a year.

"Inside Space"

If you have access to the SCI-Fi channel did you catch this show on and about Nov. 17? It was about Amateur Radio. It mostly focused on the Field Day activities of WA1U and group AND Satellite communications. I have a copy (with some defects) of it to show at the December meeting if people are interested and a VHS system is there. It ran about 20 minutes.

* JAS-2 *

Remember FO-20? It was launched February 7, 1990 with capability to operate JA (analog) and JD (packet) mode. This is also known as a JAS-1 satellite. It's still there, but only operates in analog JA mode. That's 2m up and 435 MHz down on SSB or CW. This LEO, like others, is exposed to radiation fields that deteriorate the performance of its solar cells. Its telemetry suggests that it won't last much longer since power generation is decreasing.

There is a need to have satellites with a linear transponder for beginner's use. A good quarter wave antenna with a preamp would make QSOs possible provided the receiver can be continuously tuned for doppler effects. Notice I said receiver. The practice in satellite communications is to always tune the 435 MHz side. On FO-20 that's the satellite's transmit frequency. On AO-13 it is the receive frequency. But I digress.

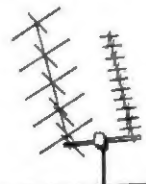
Enter JAS-2. It is similar to FO-20 with a JA and a JD mode. The downlink analog power is 1 watt!! In packet BBS JD mode operating at operator selectable 1200 OR 9600 baud. In addition this satellite will contain a "digitalker" using FM voice. This feature will contain a message not longer than 25 seconds. Remember the AO-21 messages in FM?? Since the digitalker uses the same frequency as the BBS only one will operate at a time. The expected orbit will have a perigee of 800km (500 miles) and an apogee of 1500 km (938 miles). Of course this is just the plan. Wait and see what happens after launch regarding all this data. At this time JARL (Japanese Amateur Radio League) is looking for a launch opportunity in the September 1996 time frame.

* MIR NEWS *

Even though the STS-74 mission is over there is still space packet communications possible on MIR. Packet activity on 2-meters was temporarily interrupted due to a problem with the audio feed into the PacCom TNC. This problem has been resolved and 2-Meter packet is now fully operational. Some fine tuning of the TNC's parameters are still taking place to optimize 1200 baud data throughput.

The "USERS" counter has been set to 7. This means that 7 people can connect to Mir's keyboard at the same time. However if no one is at the keyboard on Mir, then all of the data sent goes into the bit bucket. It is recommended to stay OFF the keyboard ports unless someone from Mir is actually typing on the keyboard (Port call sign R0MIR). Excessive traffic on the keyboard port just causes interference to the user of the BBS (Port call sign R0MIR-1). Do not expect anyone to be at the keyboard after 21:00 UTC. This is one of the many parameters being adjusted.

Have an enjoyable Holiday from the satellite station W7KJZ de Dick.
73 de Dick - W7KJZ @W0RLI.#NWOR.OR.USA.NOAM.ZIP97219



Because a Yank knows the drill, Japan's Tojo says a mouthful

■ As a prank, a draftee in the Navy dental service puts "Remember Pearl Harbor" into the conquered general's mouth

By ANN BANCROFT

SACRAMENTO, Calif. — Nearly lost amid the World War II retrospectives is a postwar prank that literally had Japan's vanquished military leader chewing on the words: "Remember Pearl Harbor."

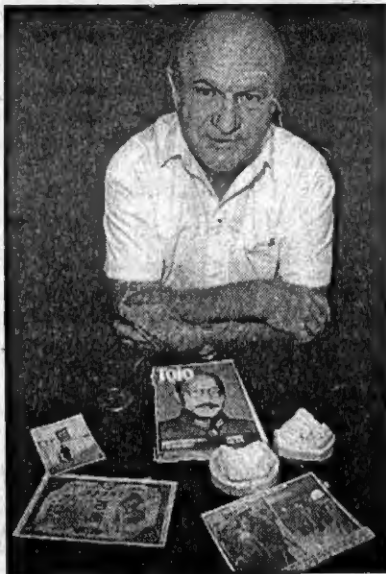
A draftee dentist drilled the message in Morse code inside Gen. Hideki Tojo's dentures while the general was imprisoned in occupied Japan. The dots and dashes remained for three months before the secret got out, and they had to be removed.

"It wasn't anything done in anger," recalled E.J. "Jack" Mallory, who made full upper and lower dentures for Tojo in 1946. "It's just that not many people had the chance to get those words into his mouth."

Tojo, who approved the surprise attack that drew the United States into the war, asked for the dentures so he could speak better at his war crimes trial. He was convicted and executed in 1948.

Mallory, then 22, knew that writing out the words "Remember Pearl Harbor" could get him court-martialed. An amateur radio operator, he decided to inscribe the letters in Morse code instead.

Also in on the secret was George Foster, who died in 1990. He was assigned to provide dental services at Sugama Prison near Tokyo, where he extracted Tojo's teeth and sought Mallory's help in making the den-



CHRIS KAUFFMAN/Associated Press

E.J. "Jack" Mallory shows some of his World War II memorabilia in his Chico, Calif., home, with particular attention to Gen. Hideki Tojo.

tures.

"I figured it was my duty to carry out the assignment," Foster wrote in 1988. "But that didn't mean I couldn't have fun with it."

When the dentures were finished, Mallory said, he and Foster told other buddies in the Navy dental service.

"We took them on an excursion to the prison to show them our masterpiece," Mallory said. "The only ones in on this were my dentist roommates and myself, all sworn to secrecy."

But the secret was just too juicy to hold. One of the men wrote about the escapade to his parents in Texas,

they passed it to a brother, who broadcast it on a local radio station. Suddenly, the tale of Tojo's teeth was broadcast all over the world.

Mallory confessed to his commanding officer, who told him to hide while the story was denied. Late that night, Mallory and Foster drove to the prison and woke a bewildered Tojo in the middle of the night to "borrow" his dentures.

Using a crude grinding stone, Mallory removed the dots and dashes.

The erasure came just in time. The next morning, a furious colonel called Mallory and his roommate.

"Is there any truth in this report that 'Remember Pearl Harbor' is inscribed in the dentures?" the colonel barked.

"No, sir!" the men were able to answer truthfully.

Mallory said he never learned whether Tojo found out about the prank, which was not publicized in the Japanese press. But a dentist who succeeded Mallory in Japan told him that the general began complaining about the dentures' looser fit.

Mallory, now 71, retired a decade ago from his dental practice in Chico, 90 miles north of Sacramento. Since his military service ended, he has talked openly about the prank. There is even a display about it in the Navy Dental Corps Historical Museum in Bethesda, Md.

In 1969, Mallory returned to Japan for a reunion with several Japanese dentists. Over dinner he told them the tale of Tojo.

"They thought it was the funniest thing," Mallory said. "They all said, 'Why didn't you tell us this?'"

"I said, 'Well, the timing just didn't seem right.'"

FOR SALE: Wilson MT-61 Self Supporting Tubular Tower. Three section crank up tubular tower. 22ft down, 55 ft fully extended. Rotor base, whole tower turns, with tilt over fixture. Remote control motorized winch for raising and lowering antenna. All for \$1000.00. Ham III rotator, \$200 with tower only. Jim, AE7W, 360-573-5307, or message on WORLI packet bbs.

ARES Emergency Net Frequencies and Times

Agency	Time	Freq.	Notes:
District 1 ARES	7:30 PM	147.32	Daily
District 1 Emergency Net		147.32	Activated during large area emergencies and to facilitate traffic between county ARES emergency Nets.
Clackamas County ARES	7:00 PM	145.21	Sunday
Clatsop County ARES	7:00 PM	146.66	Wednesday
Columbia County ARES			No net currently scheduled
Multnomah County ARES			
PARC	7:00 PM	146.84	Monday
HoodView	7:30 PM	147.28	Wednesday
Tillamook County ARES	7:00 PM	147.22	Thursday
Washington County ARES	7:00 PM	146.90	Every Tuesday except 2nd Tuesday which is meeting night.
Yamhill County ARES	7:15 PM	146.64	Thursday

Club - Agency Frequency Listing

Group / Agency	Frequency	Type	Notes:
Clackamas County (CARES)	147.21(+)	R	
Clackamas County (CARES)	146.94(-)	R	
Clark County ARES	147.24(+)	R	
Clark County ARES Simplex	147.50	S	
Clatsop County ARES	146.66(-)	R	(Local Tactical)
Clatsop County ARES	146.76(-)	R	(Wide Area Coord.)
Clatsop County ARES (Simplex)	146.52	S	
Cowlitz County ARES	147.26(+)	R	
Columbia County ARES	145.35(-)	R	
Columbia County ARES Simplex	145.35	S	(use repeater output)
District 1 Emergency Net	147.32(+)	R	
District 1 Net Alternate	147.04(+)	R	
District 1 Net (Secondary)	146.48(-)	R	
Hoodview (Multnomah County)	147.28(+)	R	
Hoodview Simplex	147.48	S	
OTVARC (Washington County)	146.90(-)	R	(Tone 127.9)
OTVARC Simplex	147.42	S	
OTVARC UHF	440.35(+)	R	(Tone 127.9)
PARC (Multnomah County)	146.84(-)	R	
PARC Simplex	145.73	S	
TERAC Operational	146.58	S	
Tillamook County ARES	147.22(+)	R	
Washington County ARES	146.90(-)	R	
Washington County Simplex	147.40	S	
Yamhill County ARES	146.64(-)	R	
Yamhill County ARES Simplex	146.43	S	



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OTVARC HOLIDAY PARTY

WEDNESDAY, DECEMBER 13

STARTING AT 7 PM



BEAVERTON ELKS LODGE

Please bring your spouse or significant other

We'll have fun, food and a F*A*N*T*A*S*T*I*Q*U*E* DRAWING

OTVARC will supply finger food - cold cuts and the like
No host bar at the Lodge

Please bring a sample of you favorite home baked cookies
or candy for all to share

Would also appreciate a couple of cans of food for the
Beaverton Elks Needy Family Program

FREE ticket to the drawing for each can of food you bring

(please bring cans to barrel in club room)

OTVARC Club Contacts

OTVARC Executive Board

President	Bill Merwin	N7VZF	644-1974
Vice President	Janet Bell	WB7FJC	648-4147
Secretary	Alan Chinnock	KB7POR	620-2057
Treasurer	Lorna Campbell	KA7RFD	591-1891
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Brad Beach	N7NVC	657-1781
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Bob Cowan	KI7QI	699-9213
Trustee	Burt Rooke	KI7JX	241-2891

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	Tim Taylor	N7UCA	292-5430
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	OPEN		
Member Badges	Terry Sparks	AA7ZO	628-0372
Newsletter Editor	Bill Merwin	N7VZF	640-8873
Newsletter Layout	Bill Merwin	N7VZF	883-8504
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	OPEN		
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Exec. Board	N7VZF	644-1974
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Testing	OPEN		
VE Test Schedule	OPEN		
VHF/UHF	Bill Roth	N7RYW	297-7605

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

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ADDRESS CORRECTION REQUESTED

